

BRS 887	correlation near3 demod\$	USPAT; US-PGPUB; EPO; DERWENT	1/13/04 15:42
BRS 1691	correlat\$ near3 demod\$	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:44
BRS 1734	correlat\$ near3 shap\$3	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:44
BRS 24	(correlat\$ near3 demod\$) same (correlat\$ near3 shap\$3)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:29
BRS 19	((correlat\$ near3 demod\$) same (correlat\$ near3 shap\$3)) and @ad<20010220 (((correlat\$ near3 demod\$) same (correlat\$ near3 shap\$3)) and @ad<20010220) and mean near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:37
BRS 1	(correlat\$ near3 demod\$) and mean near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:32
BRS 33	(correlat\$ near3 demod\$) and mean near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:32
BRS 3	(correlat\$ near3 demod\$) same mean\$ near3 squar\$ near3 error\$1 mean\$ near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:33
BRS 4996	mean\$ near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:20
BRS 11399	mean\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:26
BRS 11513	(mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:34
BRS 2364	correlat\$ near5 demod\$	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:35
BRS 2638	correlat\$ near5 shap\$3	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:36
BRS 37	(correlat\$ near5 demod\$) same (correlat\$ near5 shap\$3)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:36
BRS 101	(correlat\$ near5 demod\$) and (correlat\$ near5 shap\$3) ((correlat\$ near5 demod\$) same (correlat\$ near5 shap\$3)) same ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:36
BRS 1	((correlat\$ near5 demod\$) and (correlat\$ near5 shap\$3)) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:38
BRS 14	(((correlat\$ near5 demod\$) and (correlat\$ near5 shap\$3)) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1)))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:37
BRS 11	(((correlat\$ near5 demod\$) and (correlat\$ near5 shap\$3)) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))) and @ad<20010220 ((correlat\$ near5 demod\$) same (correlat\$ near5 shap\$3)) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:39
BRS 2	((correlat\$ near3 demod\$) same ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:38
BRS 3	(correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:39
BRS 53	((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:41
BRS 50	((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))) not ((correlat\$ near3 demod\$) same ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1)))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:39
BRS 43	((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))) not ((correlat\$ near3 demod\$) same ((mean\$ near3 squar\$ near3 error\$1) or (mean\$ near3 error\$1))) and @ad<20010220	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:41
BRS 33	(correlat\$ near3 demod\$) and (mean\$ near3 squar\$ near3 error\$1) (correlat\$ near3 demod\$) and (mean\$ near3 squar\$ near3 error\$1) and @ad<20010220	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:42
BRS 25	(mean\$ near3 squar\$ near3 error\$1) with minimi\$	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 15:42
BRS 1478	(correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:24
BRS 10	((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:23
BRS 7	((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)) and @ad<20010220	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:25
BRS 0	((correlat\$ near3 demod\$) same mean\$ near3 squar\$ near3 error\$1) and 5867478.bn.	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:07
BRS 0	((correlat\$ near3 demod\$) same mean\$ near3 squar\$ near3 error\$1) and 5867478.bn.) and matched	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:08
BRS 1	((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)) and @ad<20010220) and 5867478.bn.	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:07
BRS 0	((((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)) and @ad<20010220) and 5867478.bn.) and matched	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:08
BRS 1	((((correlat\$ near3 demod\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)) and @ad<20010220) and 5867478.bn.) and filter\$	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:08
BRS 1949	least\$ near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:28
BRS 184	(least\$ near3 squar\$ near3 error\$1) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:24
BRS 431	(least\$ near3 squar\$ near3 error\$1) with minimi\$ and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:24
BRS 97	((least\$ near3 squar\$ near3 error\$1) with minimi\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:26
BRS 83	((least\$ near3 squar\$ near3 error\$1) with minimi\$) and ((mean\$ near3 squar\$ near3 error\$1) with minimi\$) and @ad<20010220	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:25
BRS 79	((least\$ near3 squar\$ near3 error\$1) with minimi\$) same ((mean\$ near3 squar\$ near3 error\$1) with minimi\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:25
BRS 69	((least\$ near3 squar\$ near3 error\$1) with minimi\$) same ((mean\$ near3 squar\$ near3 error\$1) with minimi\$) and @ad<20010220 ((least\$ near3 squar\$ near3 error\$1) with minimi\$) and (correlat\$ near3 demod\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:27
BRS 1	least\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:26
BRS 10692	(correlat\$ near3 demod\$) and (least\$ near3 error\$1)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:27
BRS 38	((correlat\$ near3 demod\$) and (least\$ near3 error\$1)) and @ad<20010220	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:27
BRS 31	least\$ near5 squar\$ near5 error\$1	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:46
BRS 2442		USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:29

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BRS	611	(least\$ near5 squar\$ near5 error\$1) with minimi\$ ((least\$ near5 squar\$ near5 error\$1) with minimi\$) same (correlat\$ near3 demod\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:29
BRS	1	((least\$ near5 squar\$ near5 error\$1) with minimi\$) and (correlat\$ near3 demod\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:29
BRS	1	(least\$ near5 squar\$ near5 error\$1) and (correlat\$ near3 demod\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:30
BRS	9	covariance adj matrix	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:45
BRS	2429	(mean\$ near3 squar\$ near3 error\$1) same (covariance adj matrix)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:33
BRS	47	((mean\$ near3 squar\$ near3 error\$1) same (covariance adj matrix)) and (correlat\$ near3 demod\$)	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 16:33
BRS	2	5881057.pn. and orthogonal	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:45
BRS	0	cross adj correlat\$	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:46
BRS	9292	(cross adj correlat\$) same demod\$	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:46
BRS	493			
BRS	16	((cross adj correlat\$) same demod\$) and (least\$ near5 squar\$ near5 error\$1) (((cross adj correlat\$) same demod\$) and (least\$ near5 squar\$ near5 error\$1))	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:46
BRS	7	and orthogonal	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:46
BRS	5	(((cross adj correlat\$) same demod\$) and (least\$ near5 squar\$ near5 error\$1)) and orthogonal) and @ad<20010220	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:53
BRS	1	(((cross adj correlat\$) same demod\$) and (least\$ near5 squar\$ near5 error\$1)) and orthogonal) and @ad<20010220) and 6522683.pn.	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 17:54
BRS	1	((((cross adj correlat\$) same demod\$) and (least\$ near5 squar\$ near5 error\$1)) and orthogonal) and @ad<20010220) and 6522683.pn.) and demod\$	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 18:04
IS&R	3	(("6522683") or ("5867478")).PN.	USPAT; US-PGPUB; EPO; DERWENT	4/23/03 18:04
IS&R	4	(("5867478") or ("6522683")).PN.	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:47
BRS	1970	least near3 squar\$ near3 error\$1	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:52
BRS	3674	correlat\$ with demodulat\$	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:50
BRS	2	(correlat\$ with demodulat\$) same (least near3 squar\$ near3 error\$1)	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:50
BRS	27	(correlat\$ with demodulat\$) and (least near3 squar\$ near3 error\$1)	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:50
BRS	0	((correlat\$ with demodulat\$) and (least near3 squar\$ near3 error\$1)) and @pd20010220	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:51
BRS	21	((correlat\$ with demodulat\$) and (least near3 squar\$ near3 error\$1)) and @pd<20010220	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:52
BRS	340	(least near3 squar\$ near3 error\$1) near3 minimiz\$	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:52
BRS	7	((least near3 squar\$ near3 error\$1) near3 minimiz\$) same orthogonal (((least near3 squar\$ near3 error\$1) near3 minimiz\$) same orthogonal) and	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:52
BRS	3	@pd<20010220	USPAT; US-PGPUB; EPO; DERWENT	5/10/03 12:52
BRS	1836	correlat\$ near3 demod\$	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:44
BRS	1971	correlat\$ near3 shap\$3	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:45
BRS	25	(correlat\$ near3 demod\$) same (correlat\$ near3 shap\$3 )	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:47
BRS	0	5410621.pn. and whit\$6	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:47
BRS	0	5410621.pn. and mean adj squar\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and mean adj squar\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and whit\$6	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and white	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and whiting	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and whitening	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and covariance	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:50
BRS	0	5303258.pn. and matched	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:52
BRS	0	5053983.pn. and whit\$7	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:52
BRS	0	5053983.pn. and matrix	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:52
BRS	0	5053983.pn. and matched	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:53
BRS	0	4860323.pn. and matched	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:54
BRS	1	4860323.pn. and match\$6	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:54
BRS	0	4860323.pn. and whitening	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:54
BRS	0	4860323.pn. and white\$6	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 12:58
BRS	869	match\$4 near3 demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:32
BRS	9	(match\$4 near3 demodulat\$5) and whitening	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:32
BRS	1	((match\$4 near3 demodulat\$5) and whitening) and "20010017898" and demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:06
BRS	1	((match\$4 near3 demodulat\$5) and whitening) and 6608873.pn. and demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:06
BRS	2749	match\$4 with demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:32
BRS	22	(match\$4 with demodulat\$5) and whitening	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:33
BRS	13	((match\$4 with demodulat\$5) and whitening) not ((match\$4 near3 demodulat\$5) and whitening)	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:37
BRS	1	((match\$4 with demodulat\$5) and whitening) not ((match\$4 near3 demodulat\$5) and whitening) and "5784415" and whiten\$5 and demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:40
BRS	1193	minimiz\$5 near4 mean adj squar\$4 adj error\$4	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:41

BRS	1	(minimiz\$5 near4 mean adj squar\$4 adj error\$4) same (correlat\$ near3 demod\$ )	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 13:41
BRS	9	(minimiz\$5 near4 mean adj squar\$4 adj error\$4) and (correlat\$ near3 demod\$ ) ((minimiz\$5 near4 mean adj squar\$4 adj error\$4) and (correlat\$ near3 demod\$ )) and 6067292.pn.	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:02
BRS	1	((minimiz\$5 near4 mean adj squar\$4 adj error\$4) and (correlat\$ near3 demod\$ )) and 6067292.pn.) and mmse and correlat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:02
BRS	1	(((minimiz\$5 near4 mean adj squar\$4 adj error\$4) and (correlat\$ near3 demod\$ )) and 6067292.pn.) and mmse and correlat\$5) and demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:02
BRS	1	20020146066 and subspace	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:17
BRS	1	20020146066 and covariance	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:14
BRS	0	((((minimiz\$5 near4 mean adj squar\$4 adj error\$4) and (correlat\$ near3 demod\$ )) and 6067292.pn.) and mmse and correlat\$5) and matrix	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:16
BRS	3072	covariance near3 matrix	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:16
BRS	108	(covariance near3 matrix) and (minimiz\$5 near4 mean adj squar\$4 adj error\$4) (covariance near3 matrix) and (mmse or (minimiz\$5 near4 mean adj squar\$4 adj error\$4))	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:16
BRS	202	((covariance near3 matrix) and (mmse or (minimiz\$5 near4 mean adj squar\$4 adj error\$4))) and demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:17
BRS	100	correlat\$6 near6 demodulat\$6	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 14:17
BRS	2823	cross-correlat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:26
BRS	8026	cross-correlat\$5 with bank\$1	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:26
BRS	26	cross-correlat\$5 with orthogonal	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:27
BRS	370	(correlat\$6 near6 demodulat\$6) and (cross-correlat\$5 with orthogonal)	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:27
BRS	65	(correlat\$6 near6 demodulat\$6) same (cross-correlat\$5 with orthogonal)	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:27
BRS	5	6522683.pn. and correlat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:53
BRS	1	least adj squar\$5	USPAT; US-PGPUB; EPO; DERWENT	1/5/04 18:53
BRS	21759	orthogonal\$1 same (least adj squar\$5)	USPAT; US-PGPUB; EPO; DERWENT	1/8/04 13:00
BRS	405	(orthogonal\$1 same (least adj squar\$5)) same correlat\$6	USPAT; US-PGPUB; EPO; DERWENT	1/8/04 13:01
BRS	40	((orthogonal\$1 same (least adj squar\$5)) same correlat\$6) and demodulat\$5	USPAT; US-PGPUB; EPO; DERWENT	1/8/04 13:01
BRS	6	20020122470 and match\$5	USPAT; US-PGPUB; EPO; DERWENT	1/8/04 15:04
BRS	1		USPAT; US-PGPUB; EPO; DERWENT	1/8/04 15:05